



Introduction to Phase 1:
Project Identification



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Project Management:

- Scope
- Budget
- Schedule/Timelines
- Roles & Responsibilities

Presentation #1 ~ Agenda:

- YG & Energy
- YDC
- Why we are here.
- Directive
- Technical & Engagement Processes

Yukon Energy Strategy

- Four priorities for energy in Yukon:
 - Conserving energy and using it more efficiently;
 - **Increasing the supply and use of renewable energy;**
 - **Meeting our current and future electricity needs; and**
 - Managing responsible oil and gas development.

Climate Change Action Plan

- Four goals
 - Enhance our knowledge and understanding of climate change;
 - Adapt to climate change;
 - **Reduce our greenhouse gas emissions;**
and
 - Lead Yukon action in response to climate change.

YG Energy Policies

- Micro-generation Program
- Independent Power Producers Policy

Yukon Development Corporation

- YDC mandate is to address energy's role in the economic development and well being of Yukon.
- Yukon Development Corporation (YDC) has been tasked with Phase I Project Identification

Yukon Energy Partners

- YDC: Planning for energy needs 20-50 years from now
- Energy Partners: Short- to mid-term needs (0-20 years)
 - Yukon Energy Corporation
 - ATCO Electric Yukon
 - Micro-generation program (YG)
 - Independent Power Production Policy (YG)

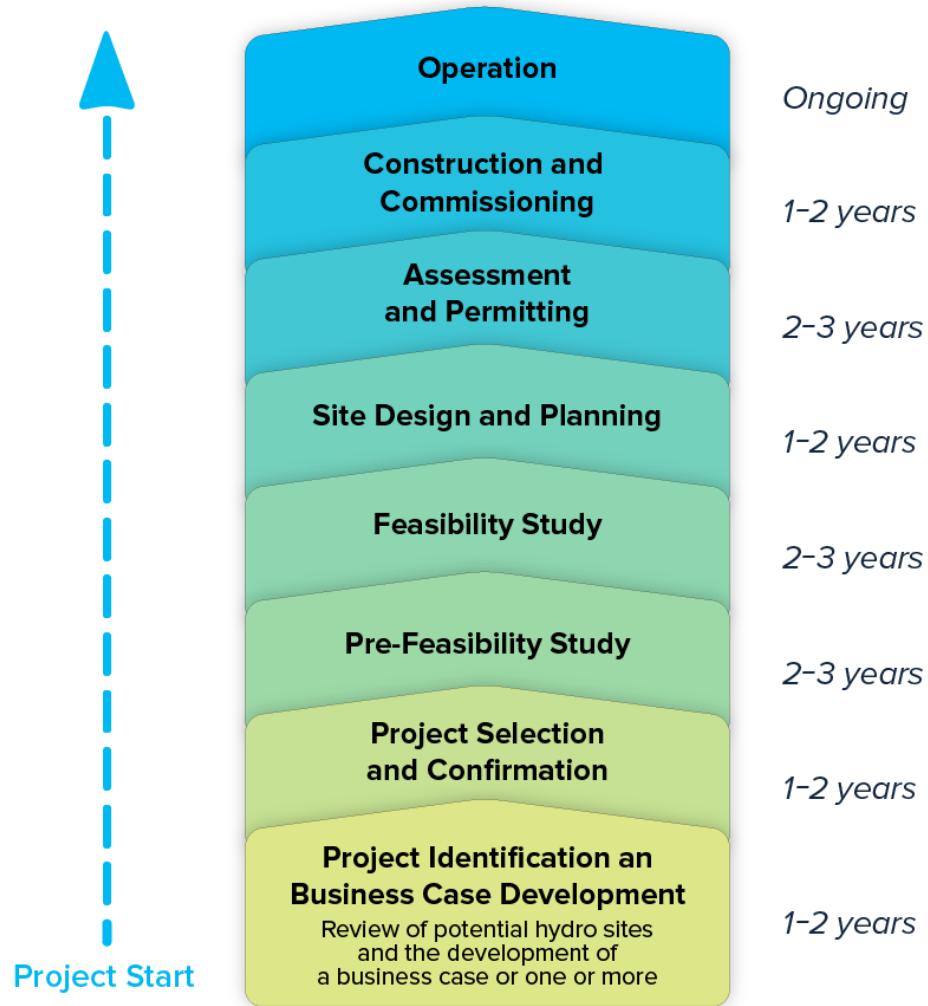
Why we are here today?

- Yukon Government has issued a Hydroelectric Power Planning Directive

Project Overview

- First Phase of a 10-15 year process
- Phase I Project Identification goals:
 - Review and assess potential hydro sites according to technical criteria
 - Engage Yukoners and First Nations
 - Establish a business case for one or more hydro projects by the end of 2015

Timeline/Project Phases



- Yukon Government issued the Hydroelectric Power Planning Directive

“Plan one or more hydroelectric projects to ensure, together with supporting renewables, and, to the minimum extent feasible non-renewable sources of electrical power, an adequate and affordable supply of reliable and sustainable electrical power in Yukon.”

Directive Criteria

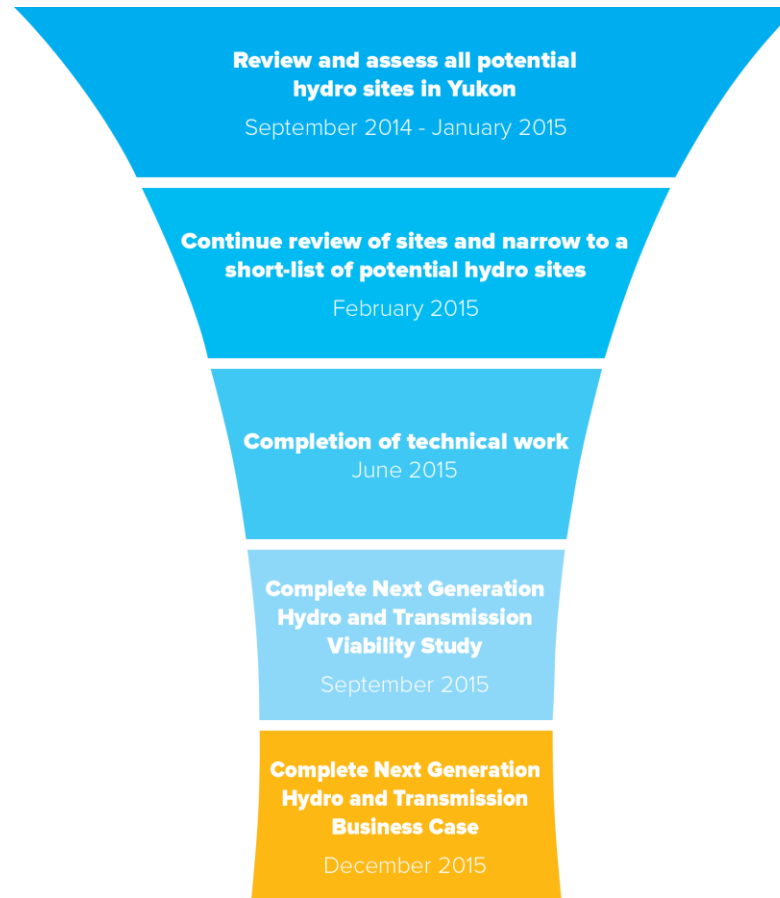
1. Evaluate expected growth
2. Plan for scalability
3. Assess financial needs and risks
4. Determine socio-economic and environmental effects
5. Have particular regards to the impacts on and opportunities for First Nations
6. Engage with First Nations for location and partnership
7. Consider one or more specific location options for the project

Project Consultants



TIPPING POINT
strategies

Technical Process



Engagement Process

- First Nation engagement
 - Working directly with First Nations
 - 2nd First Nations Energy Forum
- Stakeholder meetings and interviews
- Communications outreach
 - nextgenerationhydro.ca
 - flyers

Engagement Process

- 3 Technical workshops and public speaking events
 1. Introduction to Next Generation Hydro
 2. Short List Release
 3. Hydro and Transmission Viability Study
- Next Generation Hydro Discussion Paper
- *What We Heard* campaign

YDC Board Decision

- Merging of technical and engagement processes
- Viability Study (technical) & “What We Heard” paper (engagement)
- to YDC Board for recommendation on one or more projects to present to Yukon government for potential development

4 Legged Stool

- Environment
- Social License
- Economics
- Technical



Thank You

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